

A PROGRAMMABLE SENOR ARRAY**ABSTRACT OF THE DISCLOSURE**

5 A programmable sensor array (1) having a plurality of programmable cells (2). Each of the cells (2) comprises a programmable module (4) and a sensor element(6) operatively coupled to the programmable module. There is also an analogue module (8), typically an analogue to digital converter, that provides the operatively
10 coupling of the sensor element (6) to the programmable module (4). The sensor element (6), programmable module (4) and analogue module (8) are in a stacked relationship.

Fig. 1 accompanies this abstract.